

**REMARKS**

The Examiner is thanked for the thorough examination of the present application and the indication that claims 4, 5, 6, 7, 13, 14, 15, and 20 contain allowable subject matter.. In this Amendment, Applicants have amended claims 1, 4, 6, 10, 13, 15, 17, 20 and added claims 21-34. Claims 1, 4, 6, 13, 15, 17 and 20 are independent claims. After entry of the foregoing amendments, claims 1-34 remain pending in the application. For at least the following reasons, it is submitted that this application is in condition for allowance.

In response to the Examiner's invitation, claims 4, 6, 13, 15 and 20 have been rewritten in independent form. It is therefore submitted that the independent claim 4, 6, 13, 15 and 20 are now in condition for allowance. In addition, claims 5, 7 and 14 are allowable since they respectively depend from claims 4, 6 and 13, as well as for the additional features recited therein.

Turning now to the substantive rejections, the Office Action rejected claims 1, 2, 8-12, 16-19 under 35 U.S.C. 102(b) as allegedly anticipated by *Koshika et al.* (US 6,404,623). Applicants respectfully traverse the rejections for at least the following reasons.

Independent claim 1 recites:

1. An electronic device having a rotatable display module capable of being pushed by a user, comprising:
  - a first housing having a sunken part, wherein the sunken part includes an inner front wall and an inner side wall;
  - a second housing having a front panel and a side panel, rotatably disposed in the sunken part between a first position and a second position;
  - a display module disposed on the front panel;
  - an elastic device for returning the second housing from the second position to the first position;
  - a protrusion slidably disposed on the side panel of the second housing; and
  - a guide track disposed on the inner side wall of the first housing, wherein the guide track includes a first fixer and a second fixer, and wherein when the second housing is rotated, the protrusion moves between the first fixer and the second fixer along the guide track,

*wherein when the second housing is pushed by the user to rotate from the second position to the first position so as to move the protrusion to be departed from the second fixer and then to be coupled to the first fixer, the second housing is located in the first position, and the display module faces a first direction, and*

*wherein when the second housing is pushed by the user to rotate from the first position to the second position so as to move the protrusion to be departed from the first fixer and then to be coupled to the second fixer, the second housing is located in the second position, and the display module faces a second direction.*

(*Emphasis added.*) Applicants respectfully submit that claim 1 defines over the cited reference for at least the reason that the cited reference fails to disclose the features emphasized above.

More particularly, claim 1 (as amended) recites an electronic device having a rotatable display module that is capable of being pushed by a user. The module comprises a first housing, a second housing, a display module, an elastic device, a protrusion, and a guide track. The first housing has a sunken part, and the sunken part includes an inner front wall and an inner side wall. The second housing having a front panel and a side panel is rotatably disposed in the sunken part between a first position and a second position. The display module is disposed on the front panel. The elastic device is for returning the second housing from the second position to the first position. The protrusion is slidably disposed on the side panel of the second housing. The guide track is disposed on the inner side wall of the first housing. Significantly, **the guide track includes a first fixer and a second fixer**. When the second housing is rotated, the protrusion moves between the first fixer and the second fixer along the guide track. When the second housing is pushed by the user to rotate from the second position to the first position so as to move the protrusion to be departed from the second fixer and then to be coupled to the first fixer, the second housing is located in the first position, and the display module faces a first

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direction. When the second housing is pushed by the user to rotate from the first position to the second position so as to move the protrusion to be departed from the first fixer and then to be coupled to the second fixer, the second housing is located in the second position, and the display module faces a second direction.

In contrast, *Koshika* discloses a portable electronic apparatus 10 comprising a main unit 12 and a cover 16 rotatably connected thereto (Col. 5, lines 21-24). A compartment 24 for containing a sub LCD 20 is provided in the main unit 12 (Col. 5, lines 45-49). A coil spring 30 is provided to urge the sub LCD 20 upward and outward from an interior of the compartment 24. One side 20a of the sub LCD 20 is provided with a flat tab 26 projecting from outward from the sub LCD 20 and engaging the engaging portion 36a. The flat tab 26 is tapered to a wedge-like shape of reduced thickness at one end 26a while retaining a uniform thickness at the other end 26c (Col. 5, lines 50-65). A slide member 32, comprising a guide portion 34 and a slide portion 36, is provided in the main unit 12 and adjacent to the sub LCD 20. The slide portion 36, disposed in the main unit 12, has an engaging portion 36a that moves between two ends 26a and 26c of the flat tab 26 for engaging and releasing the flat tab 26 and an operating projection 36b sliding along the guide portion 34 (Col. 5, lines 66-67 and Col. 6, lines 1-5). When the operating projection 36b is pulled to slide forward in the X1 direction, then the engaging portion 36a slides along the flat tab 26 and moves horizontally from the end of the uniform thickness 26c to the wedge-like end 26a, thus releasing the pressure of the engaging portion 36a on the flat tab 26. Then, the sub LCD 20 is urged upward by the coil spring 30 so as to rotate about the shaft and form a predetermined angle with the main unit (Col. 6, lines 28-43). When the operating projection 36b is pushed to slide backward in the X2 direction, the engaging portion 36a slides horizontally along the flat tab 26 from the wedge-like end 26a to the end of uniform thickness 26c.

26c, with the engaging portion 36a pressing the flat tab 26. The sub LCD 20 together with the coil spring is then stored completely within the compartment of the main unit (Col. 6, lines 52-62).

Significantly, *Koshika* fails to disclose that the guide track includes a first fixer and a second fixer, as recited in claim 1. Instead, the wedge-like end 26a and uniform-thickness end 26c, relied on by the Examiner as being the first fixer and the second fixer of the present invention, are two ends of the flat tab 26, rather than any part of the guide portion 34 as alleged by the Examiner. It is noted from FIG. 4 of *Koshika* that the flat tab 26 and the guide portion 34 are parallel with each other and therefore have no intersection.

Further, *Koshika* fails to disclose that when **the second housing is pushed by the user** to rotate from the second position to the first position so as to move the protrusion to be departed from the second fixer and then to be coupled to the first fixer, and that when **the second housing is pushed by the user** to rotate from the first position to the second position so as to move the protrusion to be departed from the first fixer and then to be coupled to the second fixer, as recited in claim 1. Rather, *Koshika* discloses that when the operating projection 36b is pulled forward in the X1 direction, then the engaging portion 36a slides along the flat tab 26 to release the pressure of the engaging portion 36a on the flat tab 26 so that the sub LCD 20 is urged upward by the coil spring 30 so as to rotate about the shaft and form a predetermined angle with the main unit (Col. 6, lines 28-43). That is, the operating projection 36b is pulled to move the engaging portion 36a so as to rotate the sub LCD. This contrasts with the claimed invention in which **the user pushes the second housing to rotate so as to move the protrusion to be coupled to the fixer**.

As such, Applicants respectfully submit that independent claim 1 (as amended) is not anticipated by (nor rendered obvious by) the cited reference. In addition, the claims dependent

from claim 1 are not anticipated by (nor rendered obvious by) the cited reference for at least the reasons advanced above as to the patentability of amended independent claim 1, from which these claims respectively depend, as well as for the additional features recited therein.

For example, the coil spring 30, relied on by the Examiner as being axial elastic device in claim 2, is between a bottom surface 20b of the sub LCD 20 and a floor 24a of the compartment 24, for urging the sub LCD 20 upward to rotate about the shaft by the extension of the compressed coil spring 30. (FIGS. 5A & 5B) This contrasts with the claimed invention in which the axial elastic device couples the side panel and the inner panel is for **forming an axle of the second housing**, as recited in claim 2.

With regard to independent claim 10, independent claim 10 contains limitations similar those of claim 1, except that the subject matter thereof is directed to a pivot device. It therefore is submitted that independent claim 10, as well as its dependant claims 11-20, are patentable over the applied reference for at least the same reasons that the independent claim 1 is patentable. As such, the rejection should be withdrawn.

Based on the above, it is submitted that the application is in condition for allowance and such a Notice, with allowed claims 1-34 earnestly solicited.

Should the Examiner feel that a conference would help to expedite the prosecution of the application, the Examiner is hereby invited to contact the undersigned counsel to arrange for such an interview.

No fee is believed to be due in connection with this amendment and response to Office Action. If, however, any fee is believed to be due, you are hereby authorized to charge any such fee to deposit account No. 20-0778.

Respectfully submitted,

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